

## EAST Search History

| Ref # | Hits | Search Query              | DBs                | Default Operator | Plurals | Time Stamp       |
|-------|------|---------------------------|--------------------|------------------|---------|------------------|
| S1    | 2    | ("6567820" "5870742").pn. | US-PGPUB;<br>USPAT | OR               | OFF     | 2006/05/31 10:28 |

## EAST Search History

|                       |     |  |                              |    |     |                  |
|-----------------------|-----|--|------------------------------|----|-----|------------------|
| S2                    | 141 | ("4430699"   "4558413"   "4567359"<br>  "4992940"   "5253165"  <br>"5307490"   "5319542"   "5392280"<br>  "5452459"   "5475840"  <br>"5511196"   "5544040"   "5548726"<br>  "5555427"   "5592375"  <br>"5594921"   "5644768"   "5664110"<br>  "5664111"   "5666493"  <br>"5671279"   "5675797"   "5694551"<br>  "5706502"   "5710887"  <br>"5715314"   "5721832"   "5727048"<br>  "5729594"   "5737607"  <br>"5742768"   "5745678"   "5745695"<br>  "5745703"   "5745755"  <br>"5748897"   "5754849"   "5757925"<br>  "5758328"   "5758344"  <br>"5761656"   "5764897"   "5768532"<br>  "5774551"   "5778179"  <br>"5778187"   "5778228"   "5778368"<br>  "5784560"   "5787425"  <br>"5787431"   "5790548"   "5790677"<br>  "5794207"   "5802367"  <br>"5805805"   "5808911"   "5809144"<br>  "5809507"   "5812819"  <br>"5813013"   "5815149"   "5815709"<br>  "5815711"   "5818448"  <br>"5829022"   "5832219"   "5832593"<br>  "5835737"   "5842018"  <br>"5844553"   "5845090"   "5845129"<br>  "5850442"   "5860004"  <br>"5860153"   "5864862"   "5864866"<br>  "5872928"   "5872973"  <br>"5875335"   "5878411"   "5884024"<br>  "5884079"   "5887134"  <br>"5889951"   "5890158"   "5892904"<br>  "5913029"   "5933497"  <br>"5933647"   "5935249"   "5940827"<br>  "5944793"   "5946485"  <br>"5946694"   "5949998"   "5951652"<br>  "5956509"   "5963924"  <br>"5963947"   "5966531"   "5969967"<br>  "5974201"   "5978484"  <br>"5982773"   "5987506"   "5999179"<br>  "5999988"   "6003763"  <br>"6009103"   "6009413"   "6016496"<br>  "6016516"   "6023586"  <br>"6026414"   "6031977"   "6032151"<br>  "6044381"   "6052761"  <br>"6058383"   "6061699"   "6061713"<br>  "6067575"   "6085255".PN. OR<br>("6093216"   "6108346"   "6134603"<br>  "6182083"   "6185602"  <br>"6185611"   "6199116"   "6216138"<br>  "6216158"   "6226746"  <br>"6243716"   "6247091"   "6263379"<br>  "6282295"   "6282568"  <br>"6339783").PN | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/05/31 10:38 |
| 12/19/2006 4:24:23 PM |     | C:\Documents and Settings\harper\My Documents\EAST\Workspaces\10689091.wsp   |                              |    |     | Page 2           |

## EAST Search History

|     |      |  |                    |    |     |                  |
|-----|------|--|--------------------|----|-----|------------------|
| S3  | 3    | ("6567820").URPN.  | USPAT              | OR | OFF | 2006/05/31 10:40 |
| S4  | 5832 | 707/10.ccls.   | US-PGPUB;<br>USPAT | OR | OFF | 2006/05/31 10:40 |
| S5  | 0    | 707/103.ccls.  | US-PGPUB;<br>USPAT | OR | OFF | 2006/05/31 10:40 |
| S6  | 5095 | 707/104.1.ccls.  | US-PGPUB;<br>USPAT | OR | OFF | 2006/05/31 10:40 |
| S7  | 0    | 707/104.ccls.  | US-PGPUB;<br>USPAT | OR | OFF | 2006/05/31 10:40 |
| S8  | 4305 | 707/100.ccls.  | US-PGPUB;<br>USPAT | OR | OFF | 2006/05/31 10:40 |
| S9  | 0    | 707/105.ccls.  | US-PGPUB;<br>USPAT | OR | OFF | 2006/05/31 10:40 |
| S10 | 2325 | 707/101.ccls.  | US-PGPUB;<br>USPAT | OR | OFF | 2006/05/31 10:40 |
| S11 | 431  | "707"/\$.ccls. and ((object class<br>entity attribute) and (definition<br>define)).ab.                     | US-PGPUB;<br>USPAT | OR | OFF | 2006/05/31 10:43 |
| S12 | 82   | "707"/\$.ccls. and ((object class<br>entity attribute) near (definition<br>define)).ab.                    | US-PGPUB;<br>USPAT | OR | OFF | 2006/05/31 10:44 |
| S13 | 72   | "707"/\$.ccls. and ((object class<br>entity attribute) near (definition<br>define)).ab. and @ad<"20031020" | US-PGPUB;<br>USPAT | OR | OFF | 2006/05/31 11:08 |
| S14 | 0    | "707"/\$.ccls. and (declaration and<br>(properties or atributes)).ab. and<br>@ad<"20031020"                | US-PGPUB;<br>USPAT | OR | OFF | 2006/05/31 11:10 |
| S15 | 169  | "707"/\$.ccls. and (dynamic and<br>object\$1).ab. and @ad<"20031020"                                       | US-PGPUB;<br>USPAT | OR | OFF | 2006/05/31 11:10 |
| S16 | 32   | "707"/\$.ccls. and (dynamic and<br>object\$1 and defin\$5).ab. and<br>@ad<"20031020"                       | US-PGPUB;<br>USPAT | OR | OFF | 2006/05/31 11:16 |
| S17 | 78   | "707"/\$.ccls. and (persistent near<br>storage).ab. and @ad<"20031020"                                     | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/19 15:22 |

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|     |      |   |                    |    |     |                  |
|-----|------|---|--------------------|----|-----|------------------|
| S18 | 48   | ("6329574" "6399861" "4983118"<br>"5180300" "5368472" "6476046"<br>"6475753" "6829630" "5978579"<br>"6182279" "6029206" "6678700"<br>"6223184" "6223184" "5987568"<br>"4879706" "4970710" "5613099"<br>"5634123" "5682532" "5771384"<br>"5797007" "5872969" "5875052"<br>"5893104" "5895488" "5895493"<br>"5915253" "5991765" "6029177"<br>"6125364" "6128610" "6163776"<br>"6192370" "6219673" "6219673"<br>"6233582" "6658450" "5727065"<br>"6052596" "6303756" "6476198"<br>"6072488" "6265636" "6313375"<br>"6313376" "6333051" "6362009"<br>"6388169" "6392126").pn. | US-PGPUB;<br>USPAT | OR | OFF | 2006/06/01 07:44 |
| S19 | 49   | ("6403860" "6416960" "6421613"<br>"6426072" "6476019" "4795890"<br>"6310634" "6546425" "6981047"<br>"5361928" "7051050" "4314356"<br>"5378231" "5547470" "5566588"<br>"5765175" "5778679" "5813042"<br>"5963422" "6074609" "6108422"<br>"6112261" "6115821" "6118898"<br>"6154535" "6195418" "6218812"<br>"6218812" "6344515" "6436703"<br>"5643500" "5855020" "5970252"<br>"6195794" "6269370" "6374254"<br>"5715418" "6088740" "6093215"<br>"6105075" "6145017" "6477564"<br>"5742826" "5987247" "5995884"<br>"6252544" "6356836" "6429812"<br>"5737597" "5644764").pn. | US-PGPUB;<br>USPAT | OR | OFF | 2006/06/01 07:44 |
| S20 | 4    | ("5797007").URPN.   | USPAT              | OR | OFF | 2006/06/01 08:23 |
| S21 | 29   | "707"/\$.ccls. and (persistent near<br>storage).ab. and entity and<br>@ad<"20031020"  | US-PGPUB;<br>USPAT | OR | OFF | 2006/06/01 09:58 |
| S22 | 134  | "707"/\$.ccls. and (enterprise).ab.<br>and entity and @ad<"20031020"  | US-PGPUB;<br>USPAT | OR | OFF | 2006/06/01 09:22 |
| S23 | 9    | "707"/\$.ccls. and (enterprise and<br>resource).ab. and entity and<br>@ad<"20031020"  | US-PGPUB;<br>USPAT | OR | OFF | 2006/06/01 09:07 |
| S24 | 4644 | "707"/\$.ccls. and ((ODL or Object<br>Definition Language)).ab. and<br>@ad<"20031020"   | US-PGPUB;<br>USPAT | OR | OFF | 2006/06/01 09:08 |
| S25 | 2    | "707"/\$.ccls. and ((ODL or "Object<br>Definition Language"))).ab. and<br>@ad<"20031020"  | US-PGPUB;<br>USPAT | OR | OFF | 2006/06/01 09:08 |

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|     |    |   |                        |    |     |                  |
|-----|----|---|------------------------|----|-----|------------------|
| S26 | 13 | "707"/\$.ccls. and (("Object Definition Language")) and @ad<"20031020"                                    | US-PGPUB; USPAT        | OR | OFF | 2006/06/01 09:16 |
| S27 | 1  | ("6219673").URPN.   | USPAT                  | OR | OFF | 2006/06/01 09:13 |
| S28 | 59 | "707"/\$.ccls. and (("Object Language")) and @ad<"20031020"   | US-PGPUB; USPAT        | OR | OFF | 2006/06/01 09:16 |
| S29 | 8  | "707"/\$.ccls. and (("Object Language")).ab. and @ad<"20031020"   | US-PGPUB; USPAT        | OR | OFF | 2006/06/01 09:17 |
| S30 | 11 | "707"/\$.ccls. and (declaration same "data type" same proper\$4) and @ad<"20031020"                       | US-PGPUB; USPAT        | OR | OFF | 2006/06/01 09:26 |
| S31 | 22 | "707"/\$.ccls. and (declaration same "data type" same object) and @ad<"20031020"                          | US-PGPUB; USPAT        | OR | OFF | 2006/06/01 09:26 |
| S32 | 8  | "707"/\$.ccls. and (declaration same "data type" same object) and "persistent storage" and @ad<"20031020" | US-PGPUB; USPAT        | OR | OFF | 2006/06/01 09:37 |
| S33 | 6  | ("5241624"   "5247669"   "5291583"   "5437027"   "5448727"   "5644764").PN.                               | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/06/01 09:33 |
| S34 | 2  | "707"/\$.ccls. and ("persistent attributes").ab. and @ad<"20031020"                                       | US-PGPUB; USPAT        | OR | OFF | 2006/06/01 09:39 |
| S35 | 0  | "707"/\$.ccls. and ((parse near (XML or object)) near (defin\$5 or declar\$5)).ab. and @ad<"20031020"     | US-PGPUB; USPAT        | OR | OFF | 2006/06/01 09:40 |
| S36 | 0  | "707"/\$.ccls. and ((parse near (XML or object)) near (defin\$5 or declar\$5)).bsum. and @ad<"20031020"   | US-PGPUB; USPAT        | OR | OFF | 2006/06/01 09:41 |
| S37 | 0  | "707"/\$.ccls. and ((parse near (XML or object)) near (defin\$5 or declar\$5)) and @ad<"20031020"         | US-PGPUB; USPAT        | OR | OFF | 2006/06/01 09:41 |
| S38 | 22 | "707"/\$.ccls. and ((parse near (XML or object)) same (defin\$5 or declar\$5)) and @ad<"20031020"         | US-PGPUB; USPAT        | OR | OFF | 2006/06/01 10:02 |
| S39 | 4  | "707"/\$.ccls. and ("dynamic object creation") and @ad<"20031020"   | US-PGPUB; USPAT        | OR | OFF | 2006/06/01 10:19 |
| S40 | 7  | "705"/\$.ccls. and (persistent near storage).ab. and @ad<"20031020"                                       | US-PGPUB; USPAT        | OR | OFF | 2006/06/01 09:43 |
| S41 | 1  | "707"/\$.ccls. and ("catalog functions").ab. and @ad<"20031020"   | US-PGPUB; USPAT        | OR | OFF | 2006/06/01 09:52 |

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|     |     |  |                        |    |     |                  |
|-----|-----|--|------------------------|----|-----|------------------|
| S42 | 241 | "707"/\$.ccls. and ("enterprise").ab. and @ad<"20031020"   | US-PGPUB; USPAT        | OR | OFF | 2006/06/01 09:46 |
| S43 | 0   | "707"/\$.ccls. and ("heterogeneous enterprise system").ab. and @ad<"20031020"  | US-PGPUB; USPAT        | OR | OFF | 2006/06/01 09:47 |
| S44 | 0   | "707"/\$.ccls. and ("heterogeneous enterprise system") and @ad<"20031020"  | US-PGPUB; USPAT        | OR | OFF | 2006/06/01 09:47 |
| S45 | 1   | "707"/\$.ccls. and (heterogeneous and enterprise and system).ab. and @ad<"20031020"  | US-PGPUB; USPAT        | OR | OFF | 2006/06/01 09:50 |
| S46 | 9   | "707"/\$.ccls. and ("enterprise application").ab. and @ad<"20031020"   | US-PGPUB; USPAT        | OR | OFF | 2006/06/01 09:51 |
| S47 | 28  | "707"/\$.ccls. and ("data schema").ab. and @ad<"20031020"  | US-PGPUB; USPAT        | OR | OFF | 2006/06/01 09:52 |
| S48 | 0   | ("6766326").URPN.  | USPAT                  | OR | OFF | 2006/06/01 09:57 |
| S49 | 11  | ("5295261"   "5303367"   "5721911"   "5873087"   "5884311"   "5970496"   "5974407"   "5978811"   "6023699"   "6044373"   "6185601").PN.            | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/06/01 09:57 |
| S50 | 3   | S21 and ("data schema")  | US-PGPUB; USPAT        | OR | OFF | 2006/06/01 09:59 |
| S51 | 3   | (S19 or S18) and "data schema"   | US-PGPUB; USPAT        | OR | OFF | 2006/06/01 09:59 |
| S52 | 10  | "707"/\$.ccls. and ((parse near (XML or object)) same (defin\$5 or declar\$5)) and "data schema" and @ad<"20031020"                                | US-PGPUB; USPAT        | OR | OFF | 2006/06/01 10:02 |
| S53 | 67  | (S18 or S19 or S20 or S20 or S21 or S22 or S23 or S24 or S24 or S25 or S26 or S27 or S28 or S29 or S30 or S31 or S32 or S33 or S34) and schema.ti. | US-PGPUB; USPAT        | OR | OFF | 2006/06/01 10:03 |
| S54 | 173 | ("5295256").URPN.  | USPAT                  | OR | OFF | 2006/06/01 10:09 |
| S55 | 116 | "707"/\$.ccls. and (XML same object same database) and persistent and @ad<"20031020"   | US-PGPUB; USPAT        | OR | OFF | 2006/06/01 10:13 |
| S56 | 11  | "707"/\$.ccls. and (XML same object same database).ab. and persistent and @ad<"20031020"   | US-PGPUB; USPAT        | OR | OFF | 2006/06/01 10:13 |
| S57 | 0   | "707"/\$.ccls. and ("dynamic object creation") and XML and @ad<"20031020"  | US-PGPUB; USPAT        | OR | OFF | 2006/06/01 10:19 |

## EAST Search History

|     |       |  |                              |    |     |                  |
|-----|-------|--|------------------------------|----|-----|------------------|
| S58 | 18200 | "707"/\$.ccls. and (XML same convert\$4 object) and @ad<"20031020"   | US-PGPUB;<br>USPAT           | OR | OFF | 2006/06/01 10:20 |
| S59 | 179   | "707"/\$.ccls. and (XML same convert\$4 same object) and @ad<"20031020"  | US-PGPUB;<br>USPAT           | OR | OFF | 2006/06/01 10:20 |
| S60 | 55    | "707"/\$.ccls. and (XML same convert\$4 same object same database) and @ad<"20031020"                                      | US-PGPUB;<br>USPAT           | OR | OFF | 2006/06/01 10:20 |
| S61 | 7     | ("20020184401"   "20030065659"   "20030140308"   "20040064466"   "20040088415"   "6604100"   "6636845").PN.                | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/06/01 10:28 |
| S62 | 1     | "20050086236"  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/06/01 10:28 |
| S63 | 1     | "20030140308"  | US-PGPUB;<br>USPAT           | OR | OFF | 2006/06/09 08:54 |
| S64 | 18    | "707"/\$.ccls. and (entity same pars\$3 same propert\$3) and @ad<"20031020"  | US-PGPUB;<br>USPAT           | OR | OFF | 2006/12/19 15:29 |
| S65 | 18    | "707"/\$.ccls. and (entity same pars\$3 same propert\$3) and database and @ad<"20031020"                                   | US-PGPUB;<br>USPAT           | OR | OFF | 2006/12/19 15:30 |
| S66 | 17    | "707"/\$.ccls. and (entity same pars\$3 same propert\$3) and (database same table) and @ad<"20031020"                      | US-PGPUB;<br>USPAT           | OR | OFF | 2006/12/19 15:30 |
| S67 | 0     | "707"/\$.ccls. and (entity same pars\$3 same propert\$3) and (database same table) and "file directory" and @ad<"20031020" | US-PGPUB;<br>USPAT           | OR | OFF | 2006/12/19 15:31 |
| S68 | 0     | "707"/\$.ccls. and (entity same pars\$3 same propert\$3) and (database same table) and directory and @ad<"20031020"        | US-PGPUB;<br>USPAT           | OR | OFF | 2006/12/19 15:31 |
| S69 | 3     | "707"/\$.ccls. and (entity same pars\$3 same propert\$3) and (database same table) and file and @ad<"20031020"             | US-PGPUB;<br>USPAT           | OR | OFF | 2006/12/19 15:31 |
| S70 | 17    | "707"/\$.ccls. and (entity same pars\$3 same propert\$3) and (database same table) and @ad<"20031020"                      | US-PGPUB;<br>USPAT           | OR | OFF | 2006/12/19 15:39 |
| S71 | 44    | "707"/\$.ccls. and (object same pars\$3 same propert\$3) and (database same table) and @ad<"20031020"                      | US-PGPUB;<br>USPAT           | OR | OFF | 2006/12/19 15:50 |

## EAST Search History

|     |     |  |                    |    |     |                  |
|-----|-----|--|--------------------|----|-----|------------------|
| S72 | 1   | "707"/\$.ccls. and (object same pars\$3 same propert\$3) and (database same table) and "file directory" and @ad<"20031020" | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/19 15:39 |
| S73 | 4   | "707"/\$.ccls. and (object same pars\$3 same propert\$3 same definition) and (database same table) and @ad<"20031020"      | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/19 15:53 |
| S74 | 105 | "707"/\$.ccls. and (object same pars\$3).ab. and @ad<"20031020"  | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/19 15:53 |
| S75 | 3   | "707"/\$.ccls. and (object same pars\$3 same property).ab. and @ad<"20031020"  | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/19 15:55 |
| S76 | 0   | "707"/\$.ccls. and (entit\$3 same pars\$3 same property).ab. and @ad<"20031020"  | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/19 15:55 |
| S77 | 14  | "707"/\$.ccls. and (entit\$3 same pars\$3).ab. and @ad<"20031020"  | US-PGPUB;<br>USPAT | OR | OFF | 2006/12/19 15:56 |